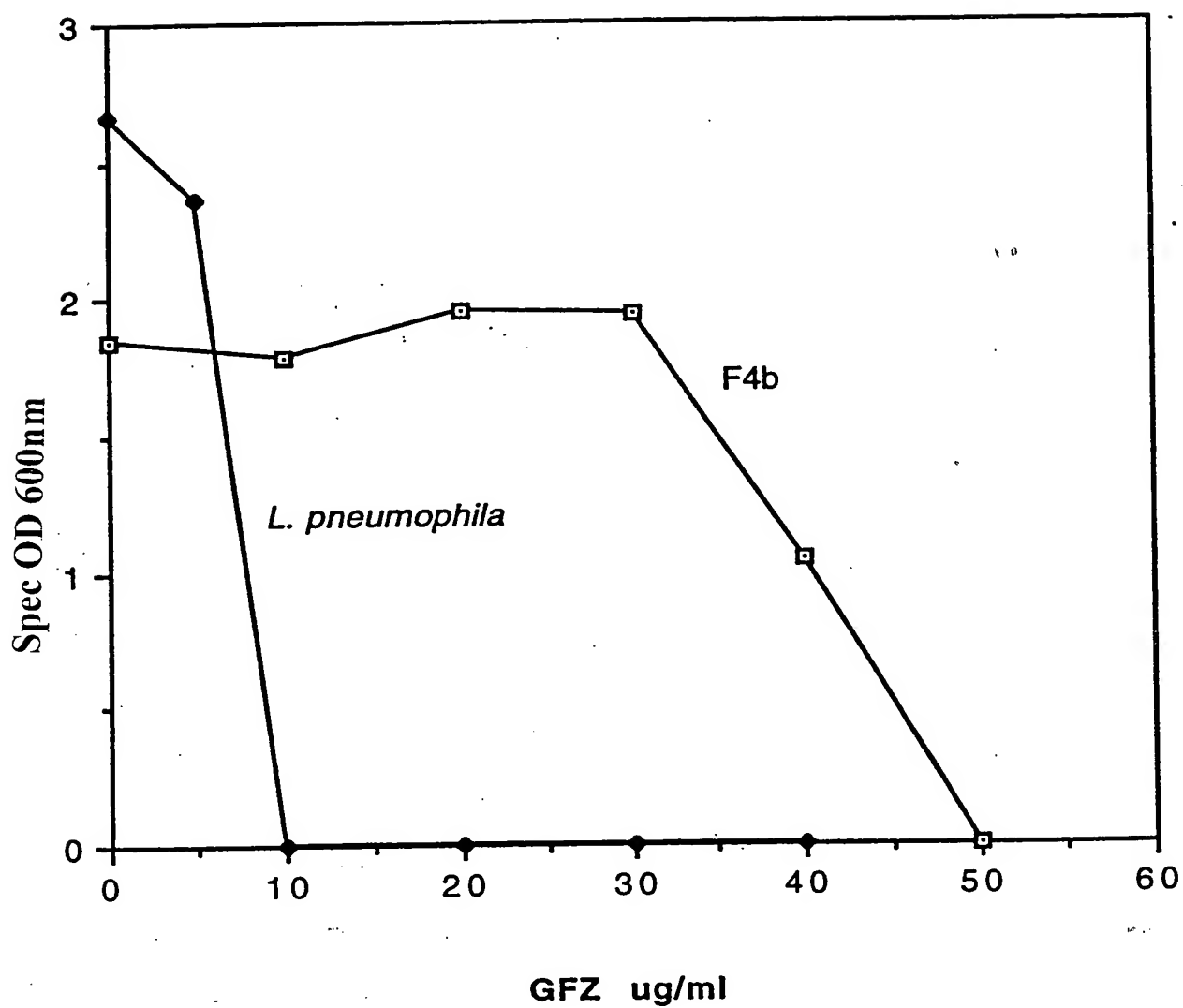




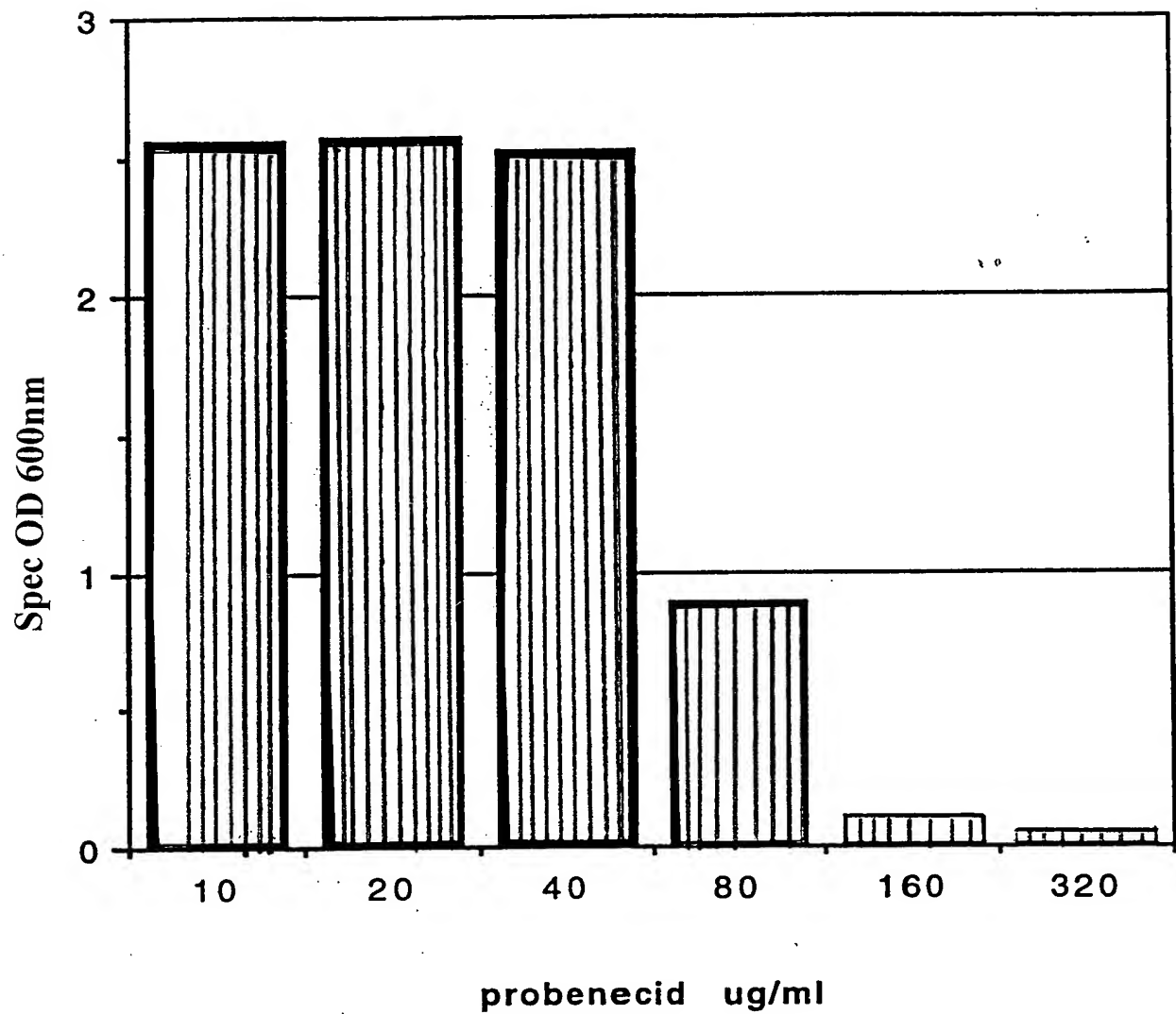
1/24

FIGURE 1



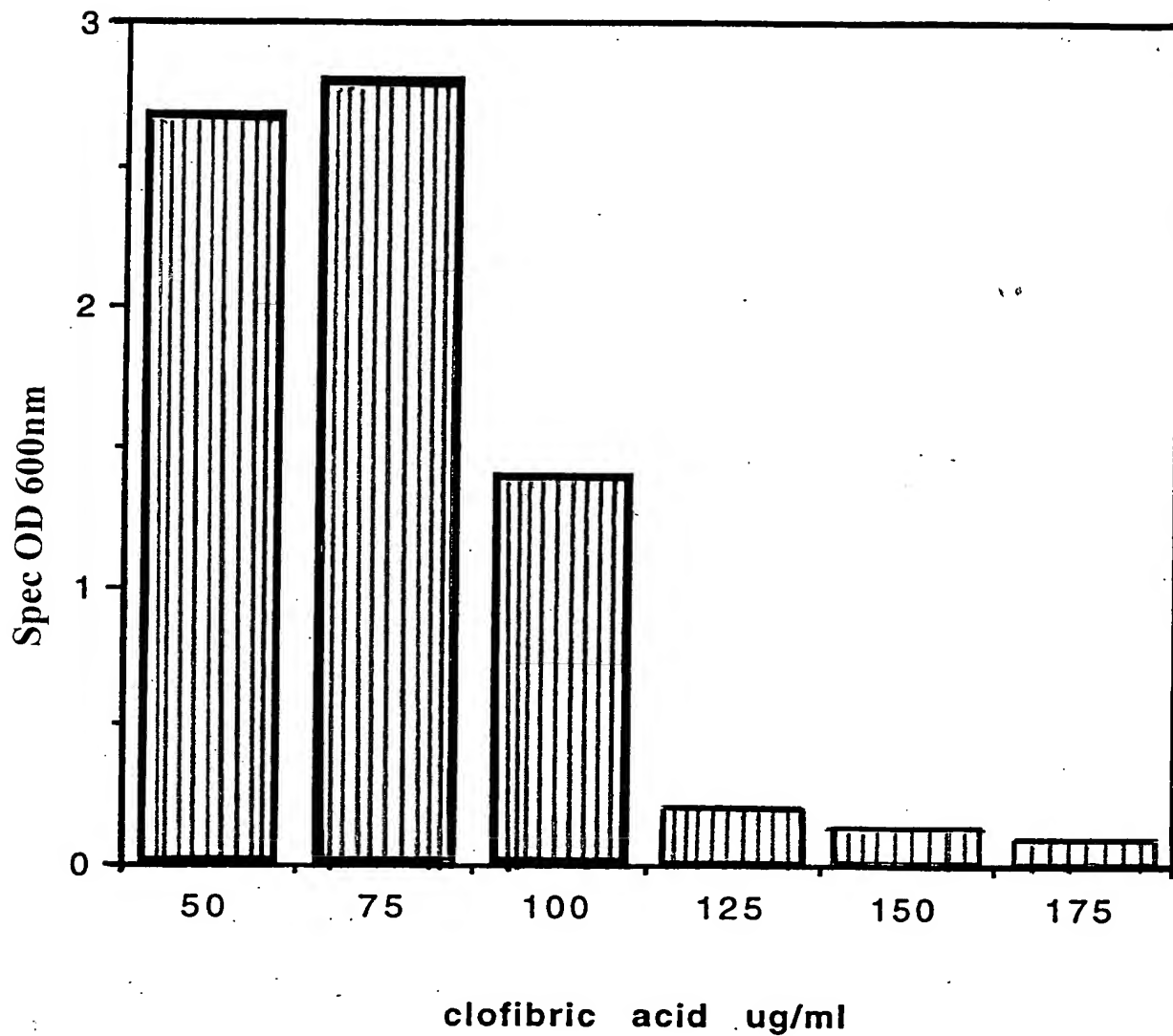
2/24

**FIGURE 2**



3/24

FIGURE 3



4/24

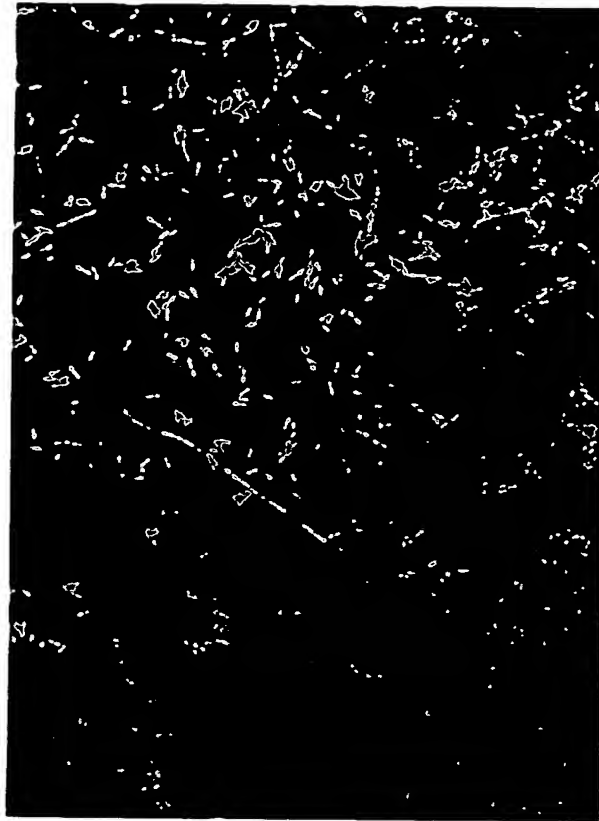
FIGURE 4

## Sensitivity Screen

Organism	Sensitive?
<b>Legionella pneumophila</b>	yes
Acinetobacter sp.	no
Actinobacillus sp.	no
Azobacter vinlandi	no
Bacillus aureus	no
<b>Bacillus subtilis</b>	yes
Cardiobacterium sp.	no
<b>Caulobacter crescentus</b>	yes
Citrobacter freundii	yes
(4) Corynebacterium sp.	no
Enterobacter cloacae	no
Enterococcus faecalis	no
Escherichia coli	no
Klebsiella pneumonia	no
Leuconostoc sp.	no
(6) Nocardia sp.	yes
Pediococcus sp.	no
Proteus mirabilis	no
Pseudomonas aeruginosa	no
Rhizobium nulilo	no
<b>Rhodobacter spheroides</b>	yes
(3) Rhodococcus sp.	no
Salmonella sp.	no
Serratia marcescens	no
Shigella sp.	no
Xanthomonas sp.	no
(5/6) Group A Streptococcus sp	no
(1/6) Group A Streptococcus sp.	yes
(3) Coag neg Staphylococcus aureus	yes
(3) Coag pos Staphylococcus aureus	no
<b>Mycobacterium tuberculosis</b>	yes
Mycobacterium chelonae	no
Mycobacterium fortuitum	no

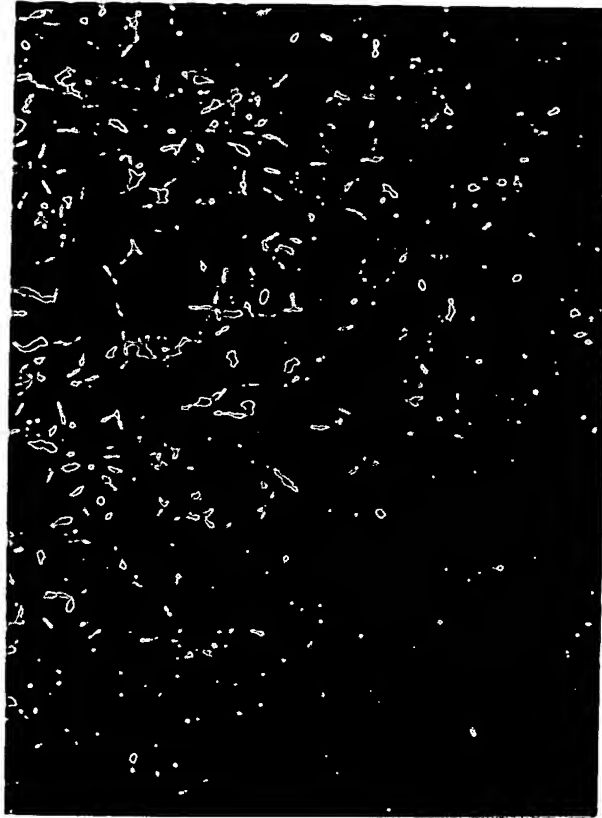
6/24

**FIGURE 6A**



7/24

**FIGURE 6B**



8/24

**FIGURE 7**



9/24

**FIGURE 8**





10/24

FIGURE 9B

F4b 4.5 (-GFZ)

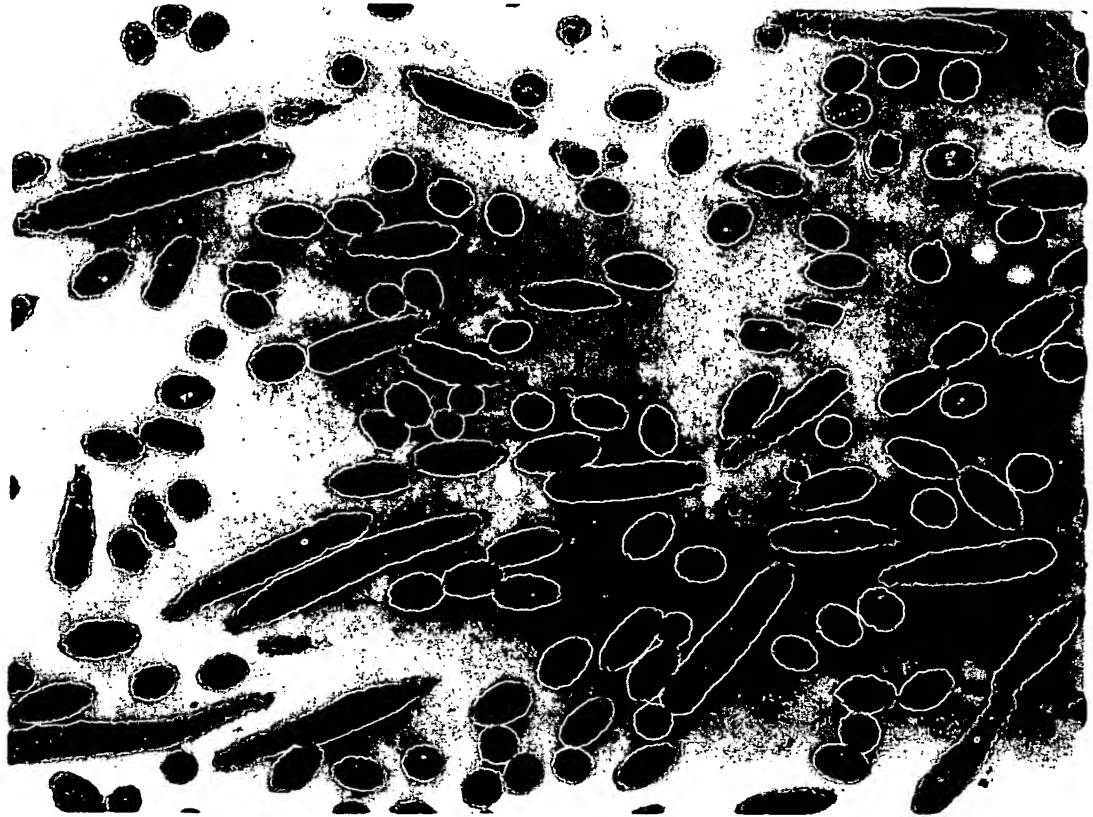
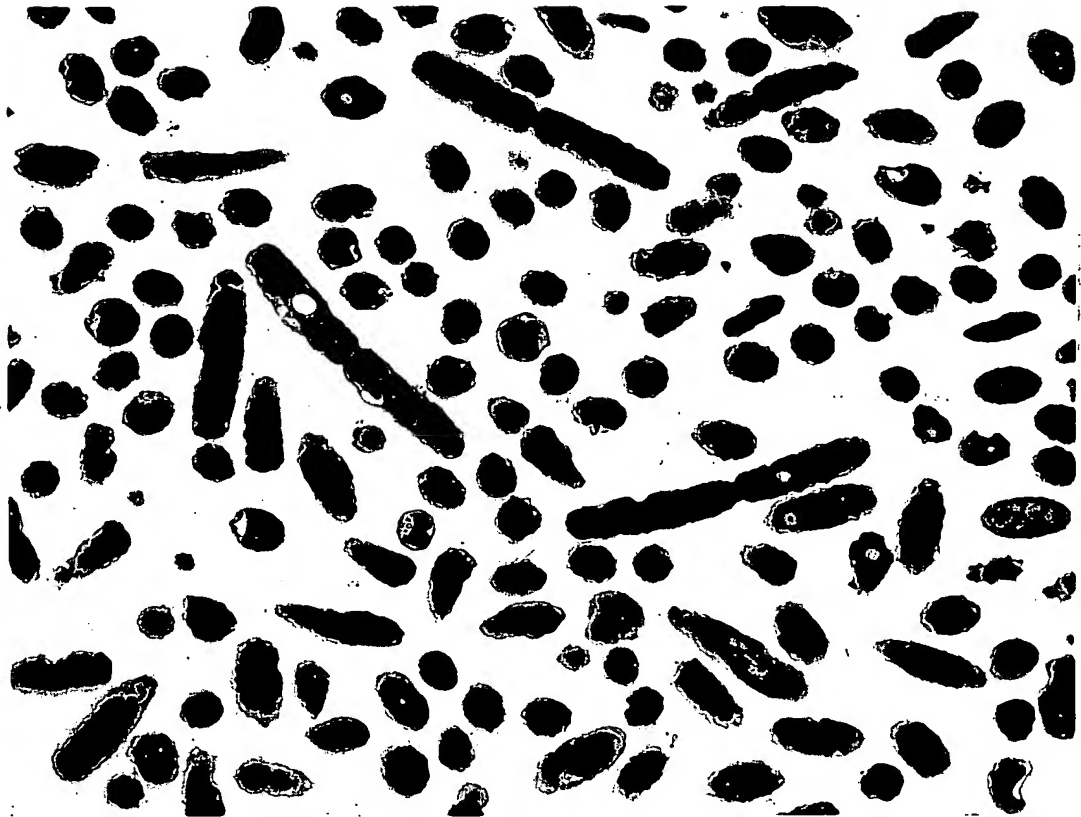


FIGURE 9A

L.pneumophila 4.5 hrs (-GFZ)



11/24

FIGURE 9D

F4b 4.5 (-GFZ)

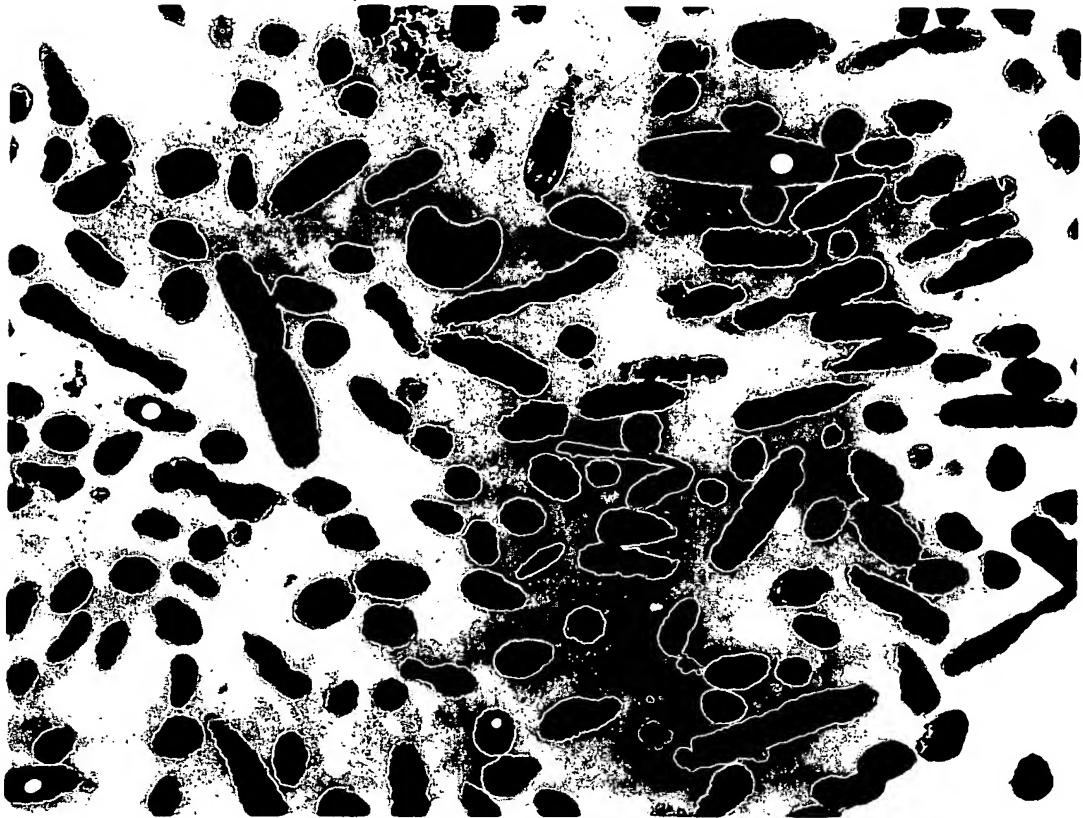


FIGURE 9C

L.pneumophila 4.5 hrs (-GFZ)



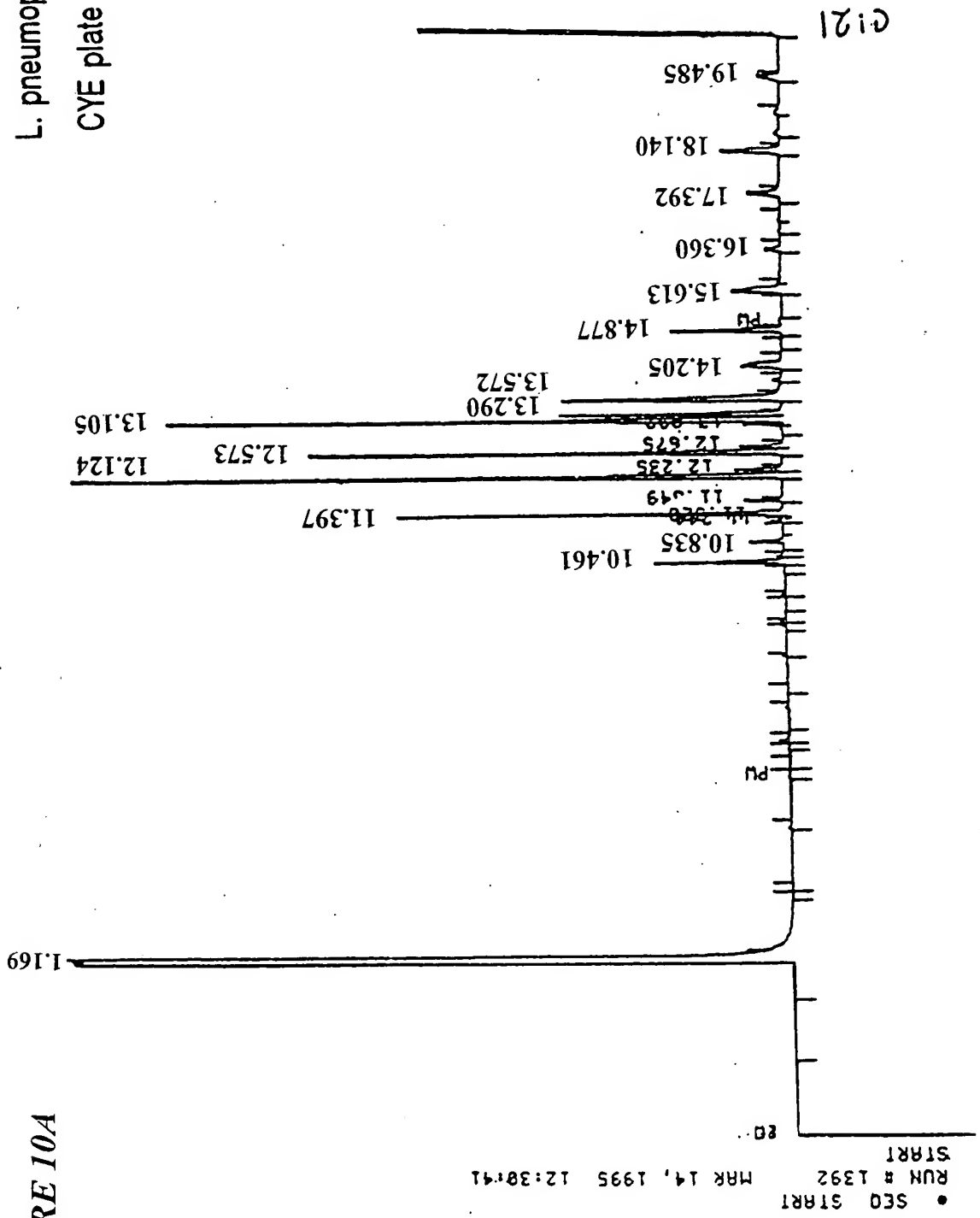
MDR-*M. tuberculosis* Sensitivity to GFZ

FIGURE 5

Strain	GFZ 0 ug/ml	GFZ 25 ug/ml	GFZ 50 ug/ml	GFZ 100 ug/ml	GFZ 200 ug/ml
W54410	++	+	35	-	-
5260	++	++	43	-	-
T30234	++	++	+	-	-
O81256	++	++	+	-	-
W19521	++	++	+	-	-
O80154	++	++	+	-	-
CDCN	++	ND	+	-	-
H52578	++	++	++	-	-
CDCP	++	ND	++	-	-
O80711	++	++	+	6	-
S 15674	++	++	+	10	-
M23294	++	++	++	4.5	-
CDCK	++	ND	++	6	-
M41151	++	++	++	7.5	-
F16285	++	++	++	10	-
T45777	++	++	++	+	-
Avanto	++	ND	++	+	-
Harrison	++	ND	++	+	-
CDCL	++	ND	+++	++	-
Montalvo	+++	ND	+++	++	-
MTB2517	+++	ND	+++	++	-

**12/24**

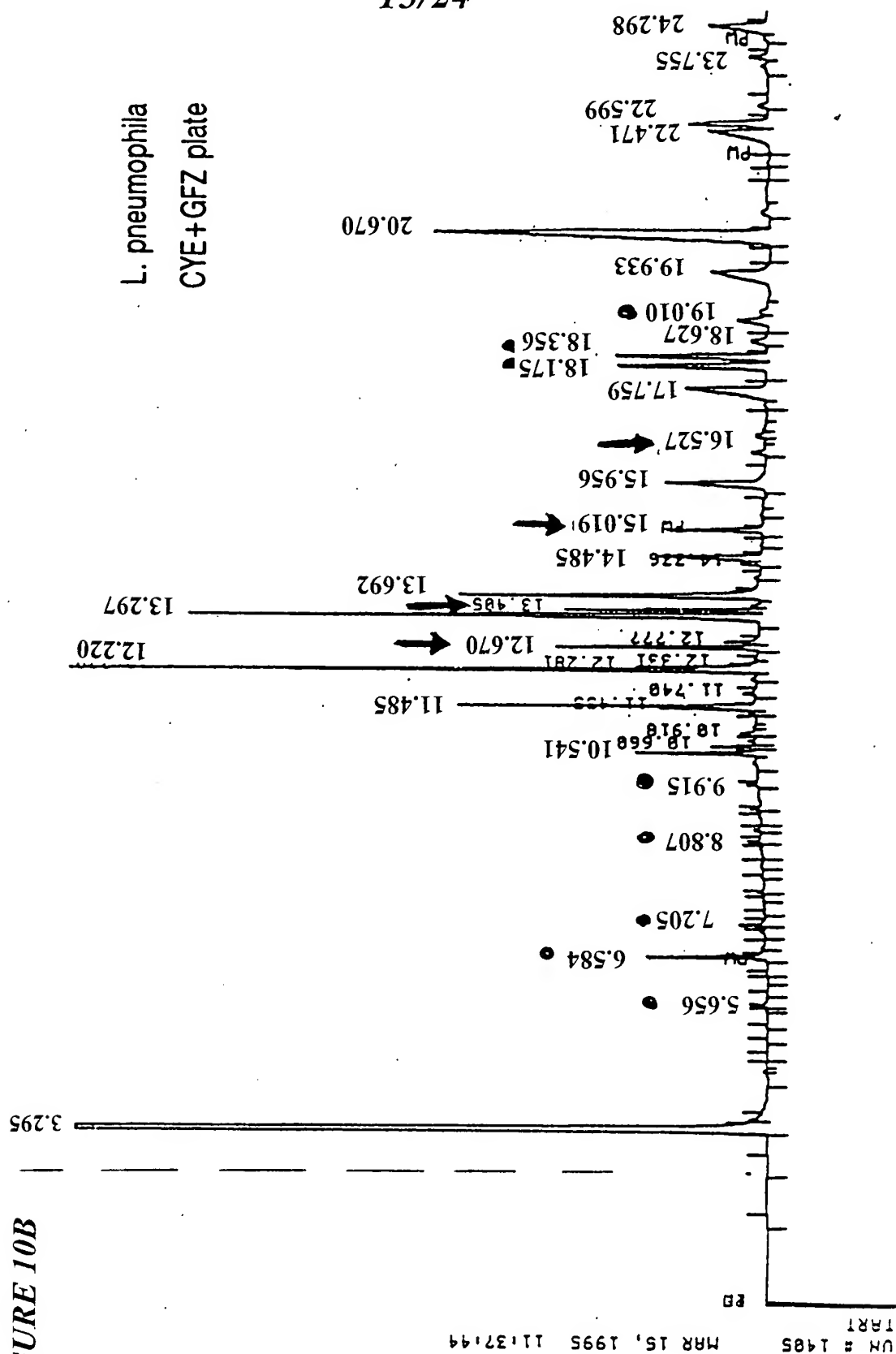
L. pneumophila  
CYE plate



**FIGURE 10A**

*13/24*

**L. pneumophila**  
**CYE+GFZ plate**



**FIGURE 10B**

14/24

F4b  
CYE plate

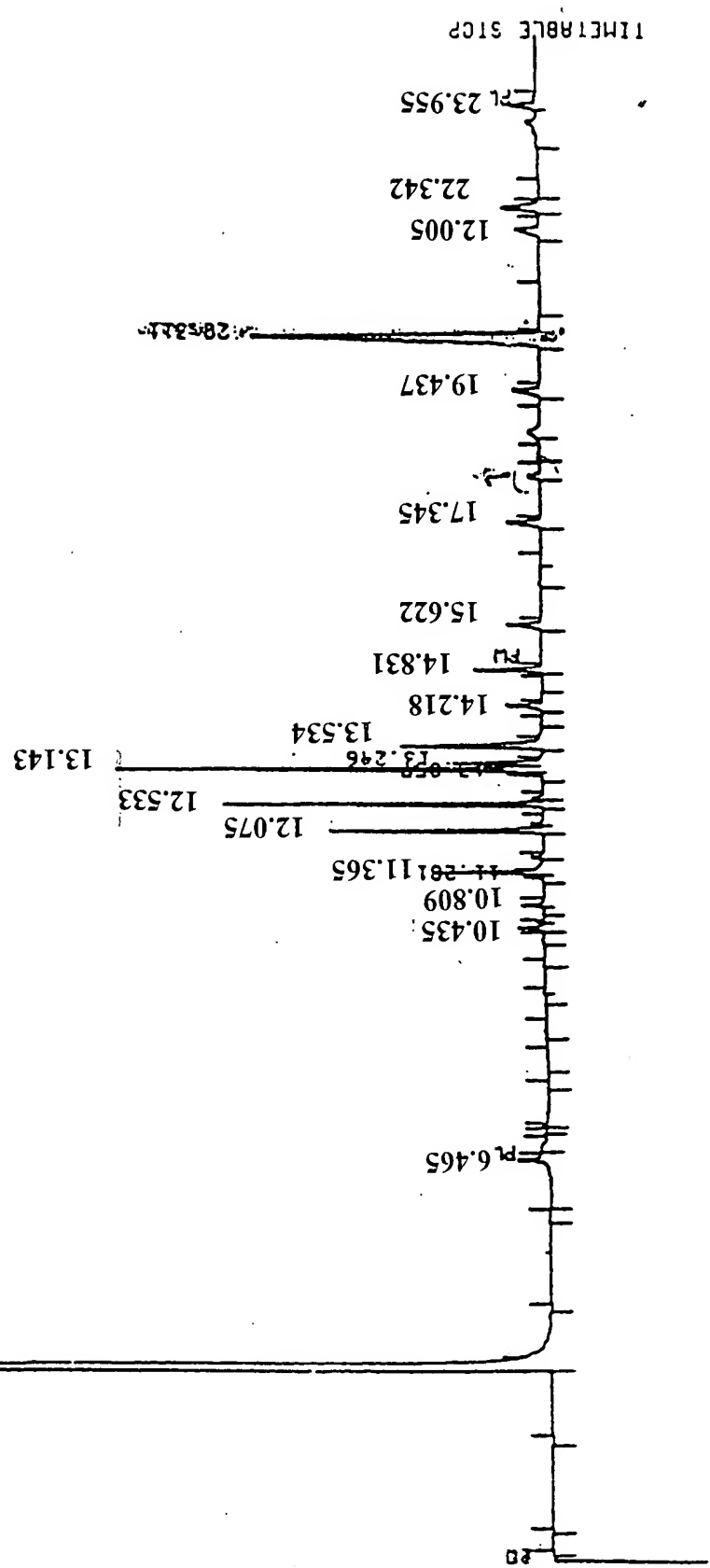
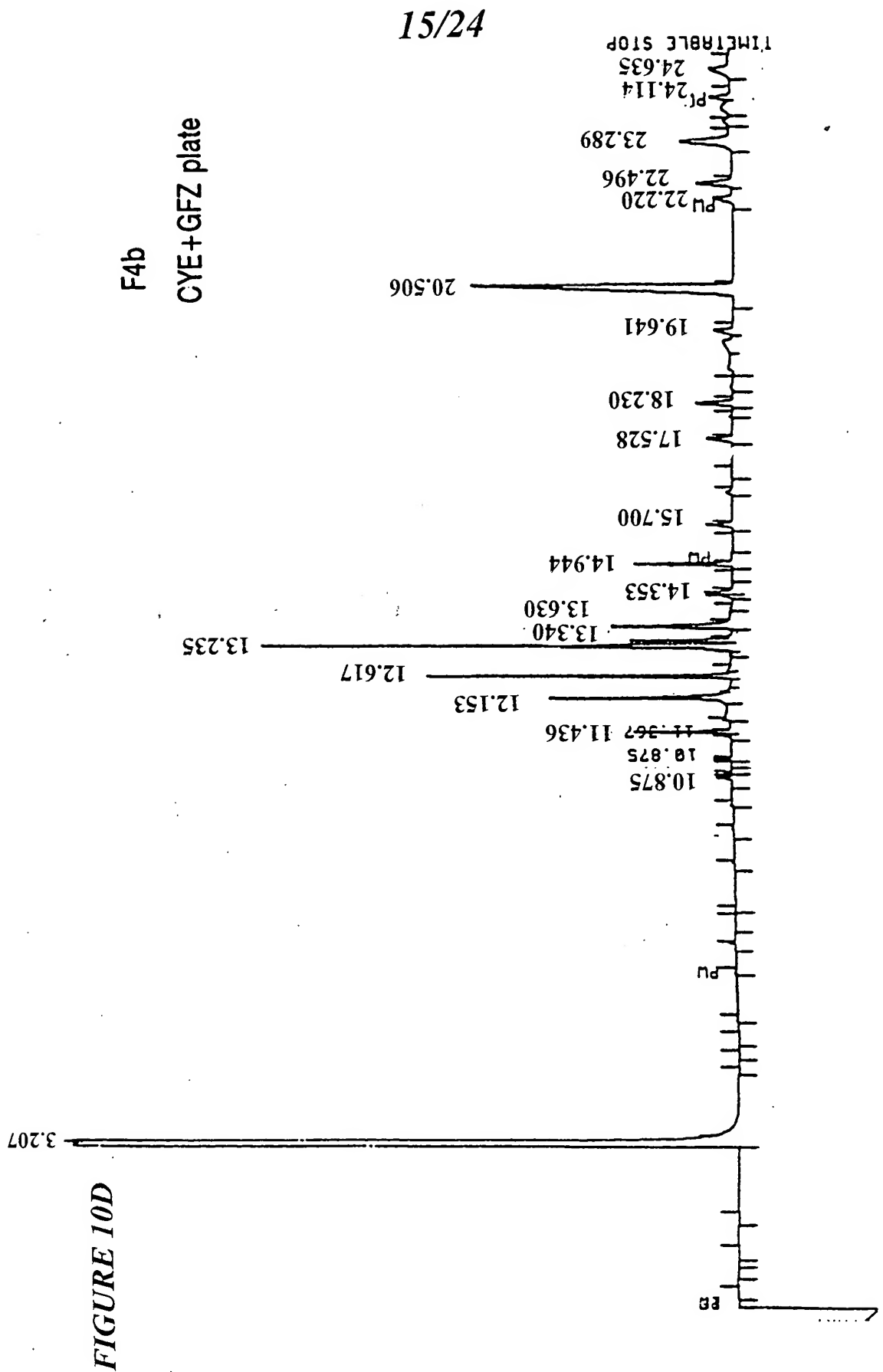
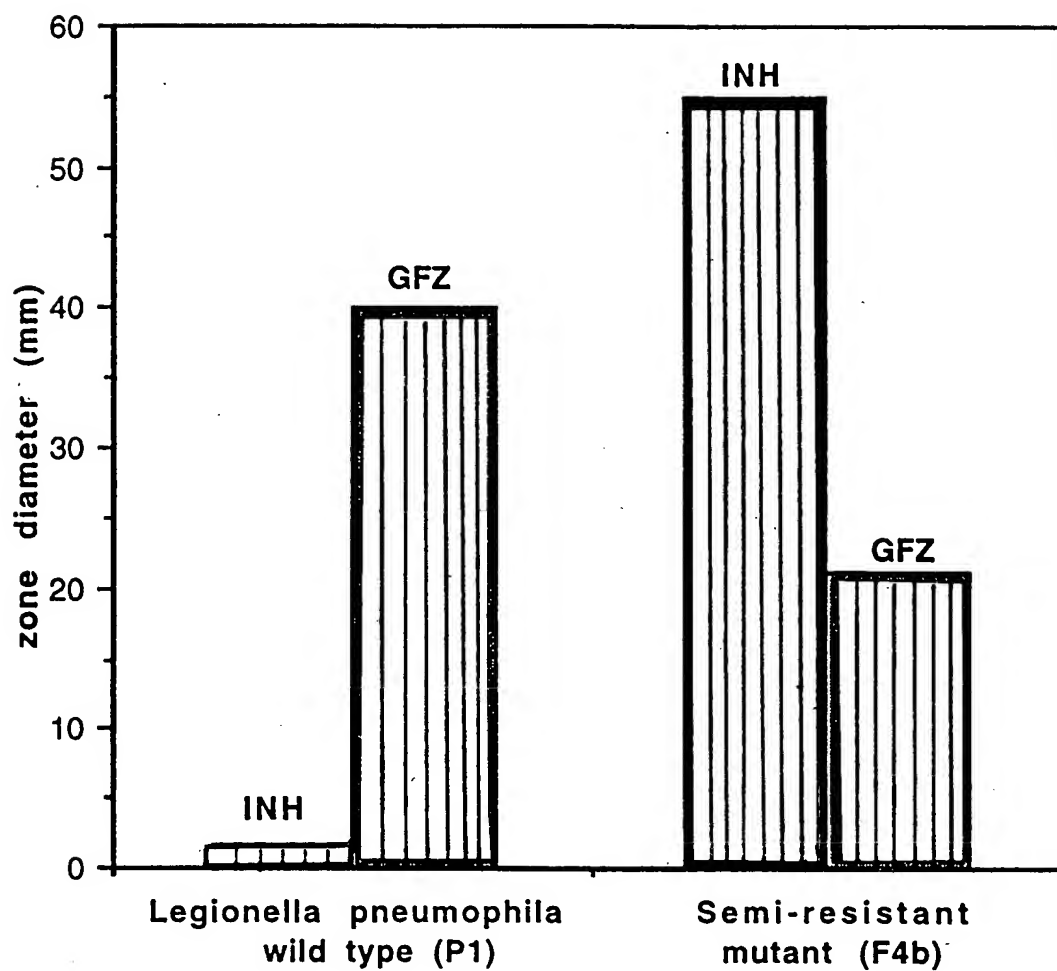


FIGURE 10C



16/24

FIGURE 11





17/24

FIGURE 12

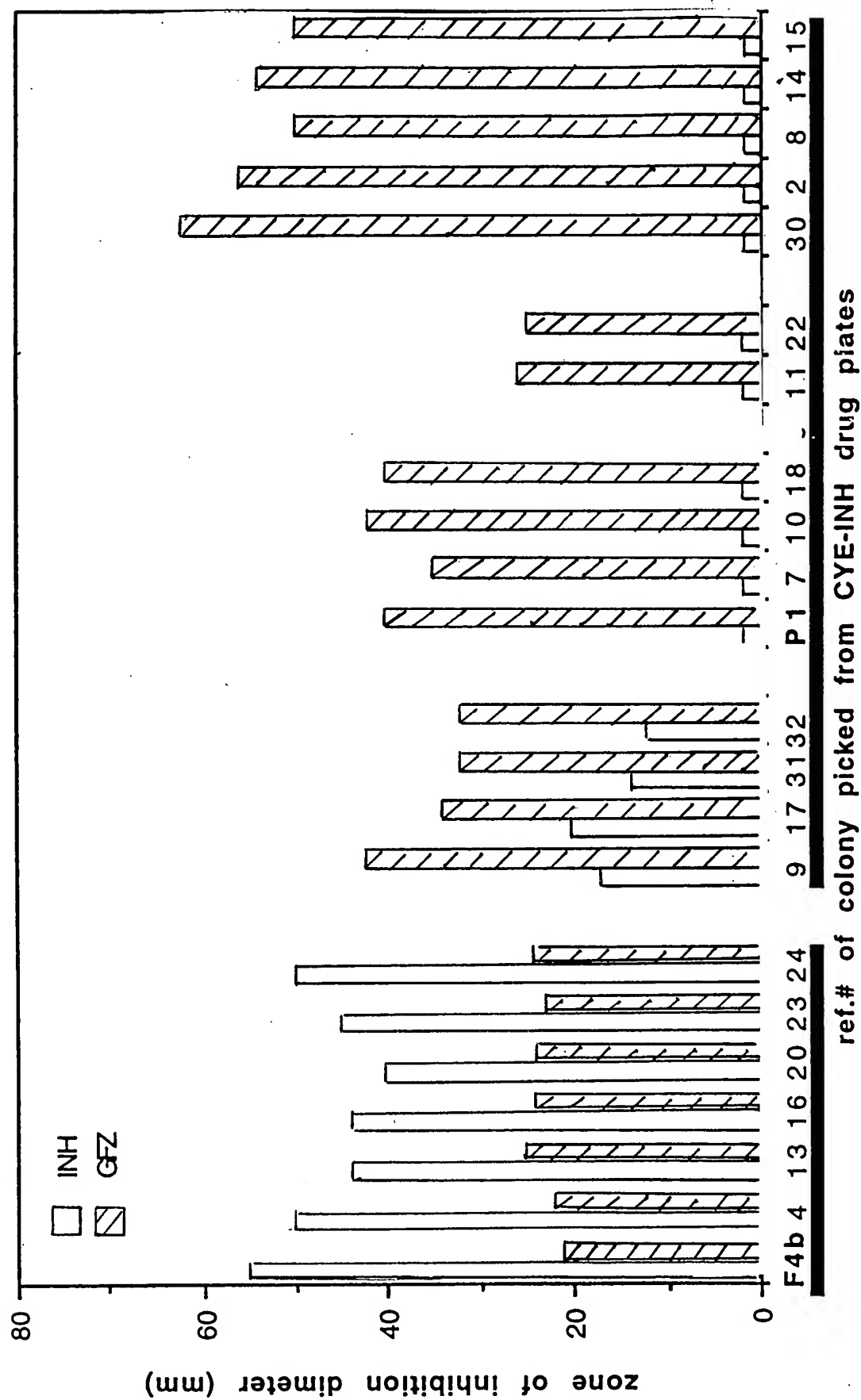
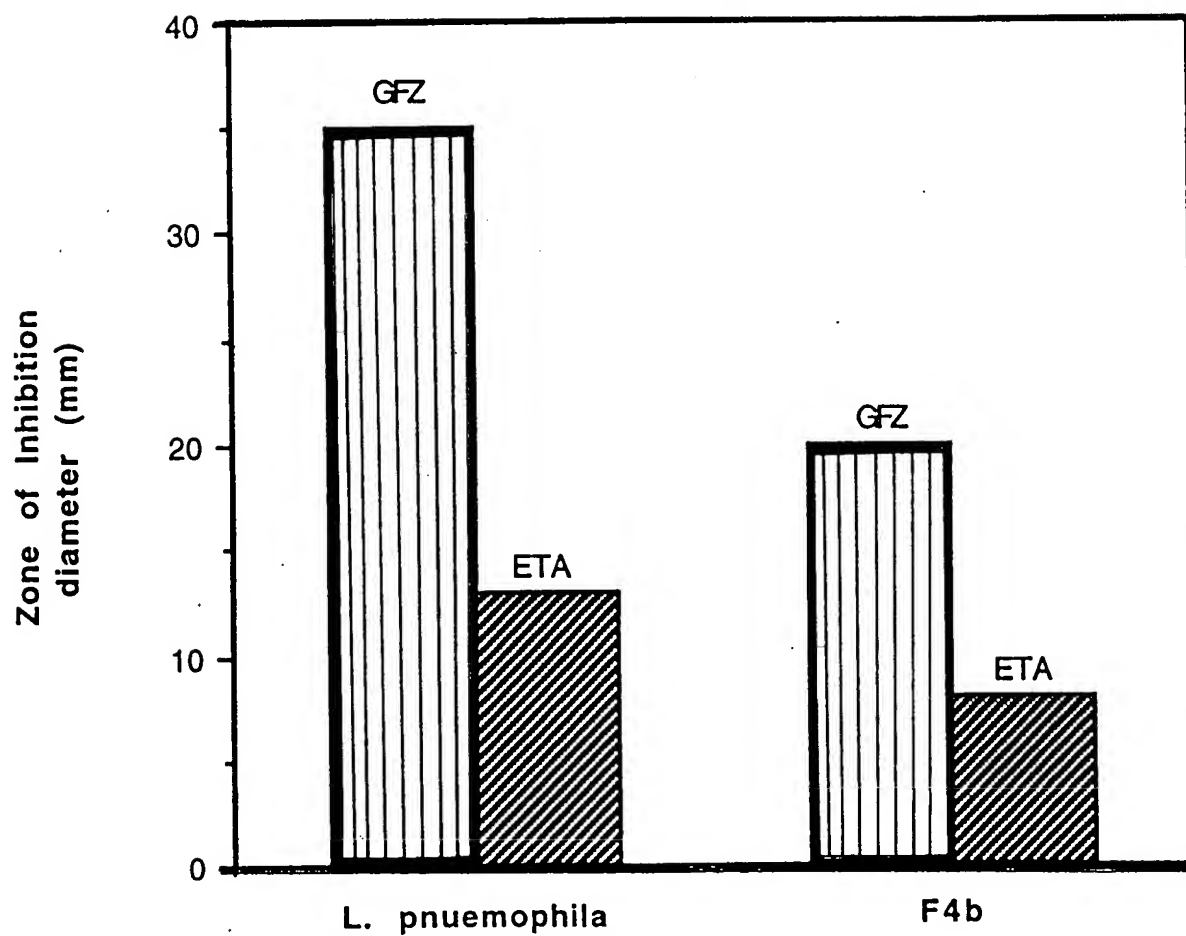


FIGURE 13



19/24

FIGURE 14A

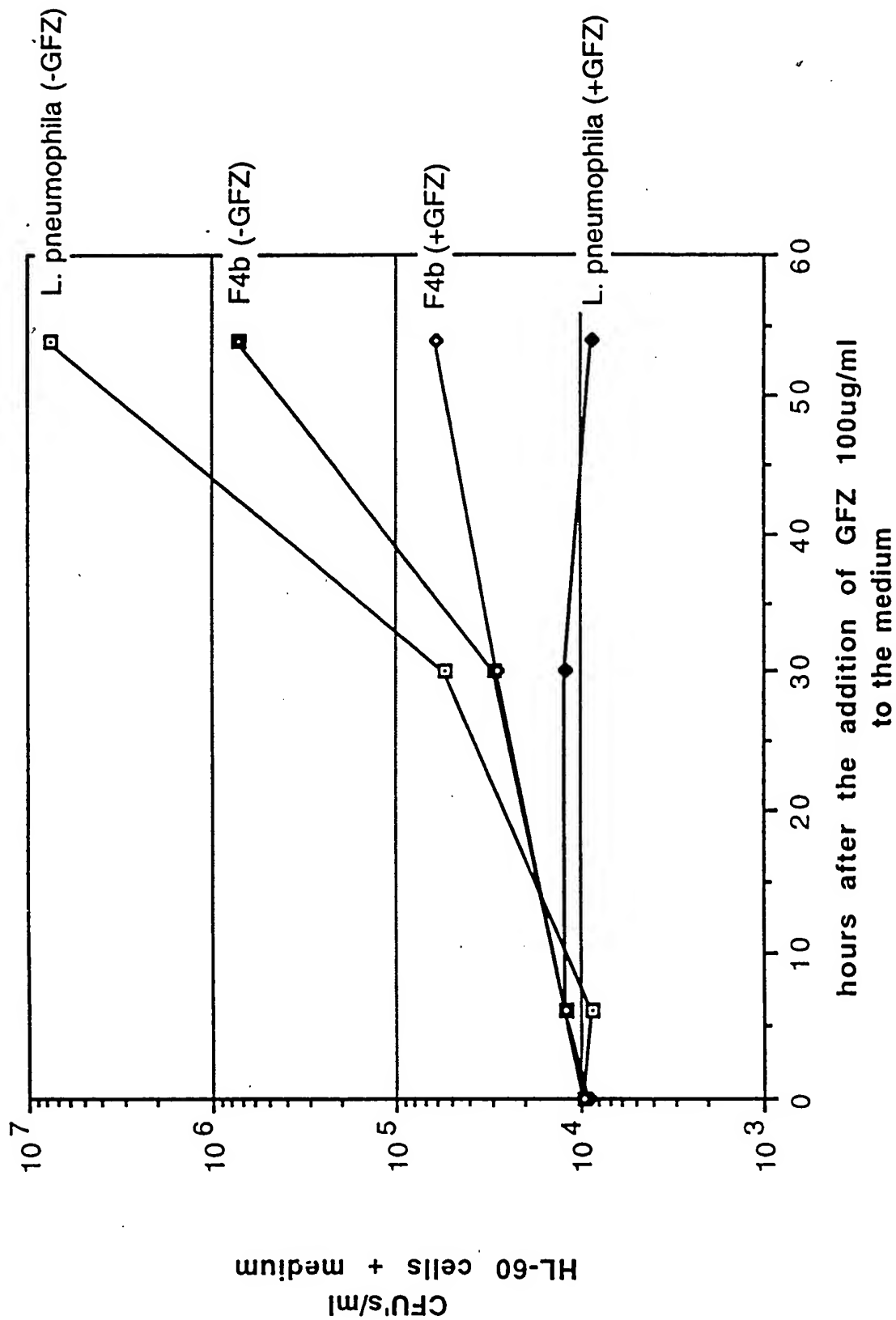


FIGURE 14B

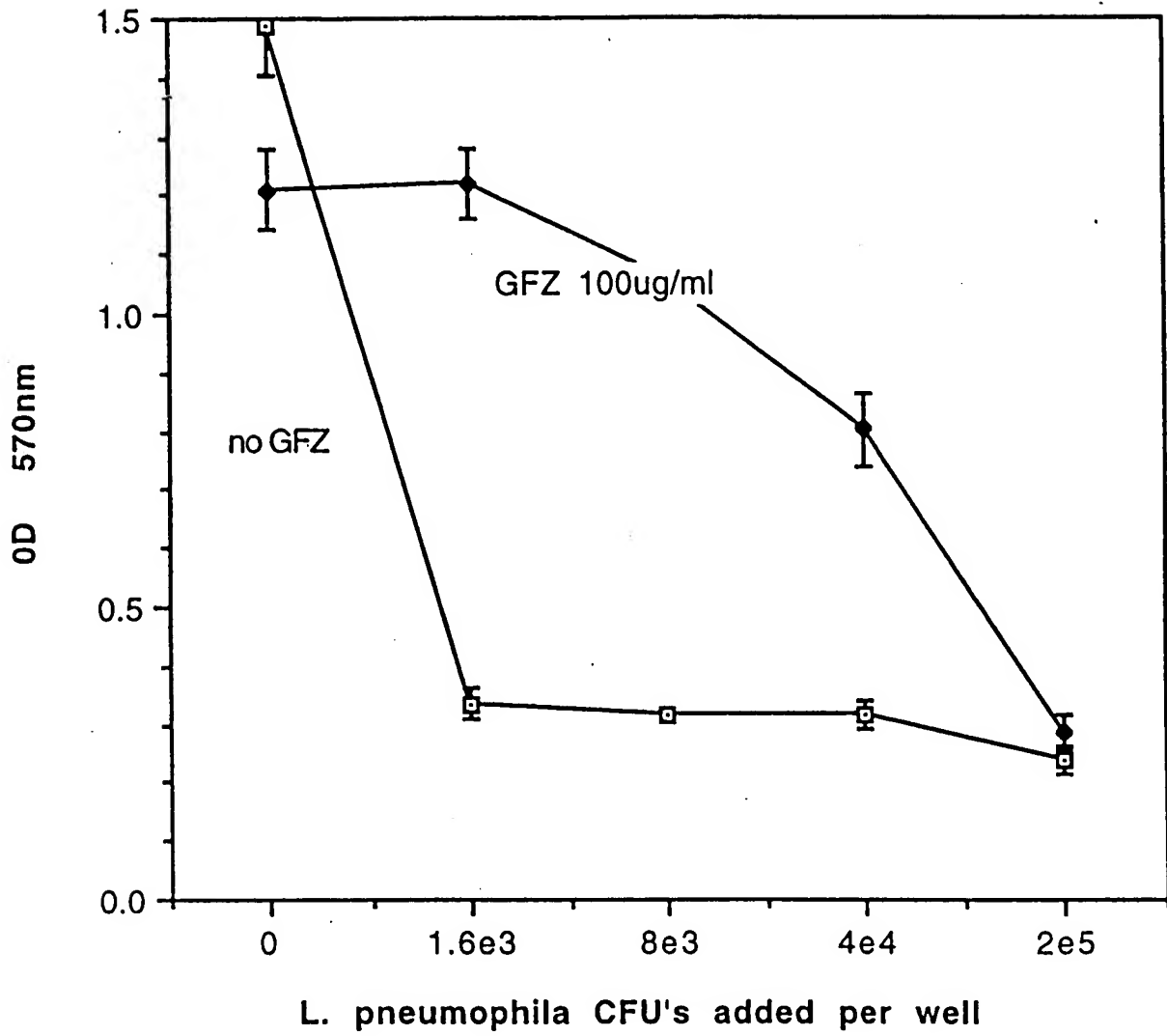


FIGURE 15A

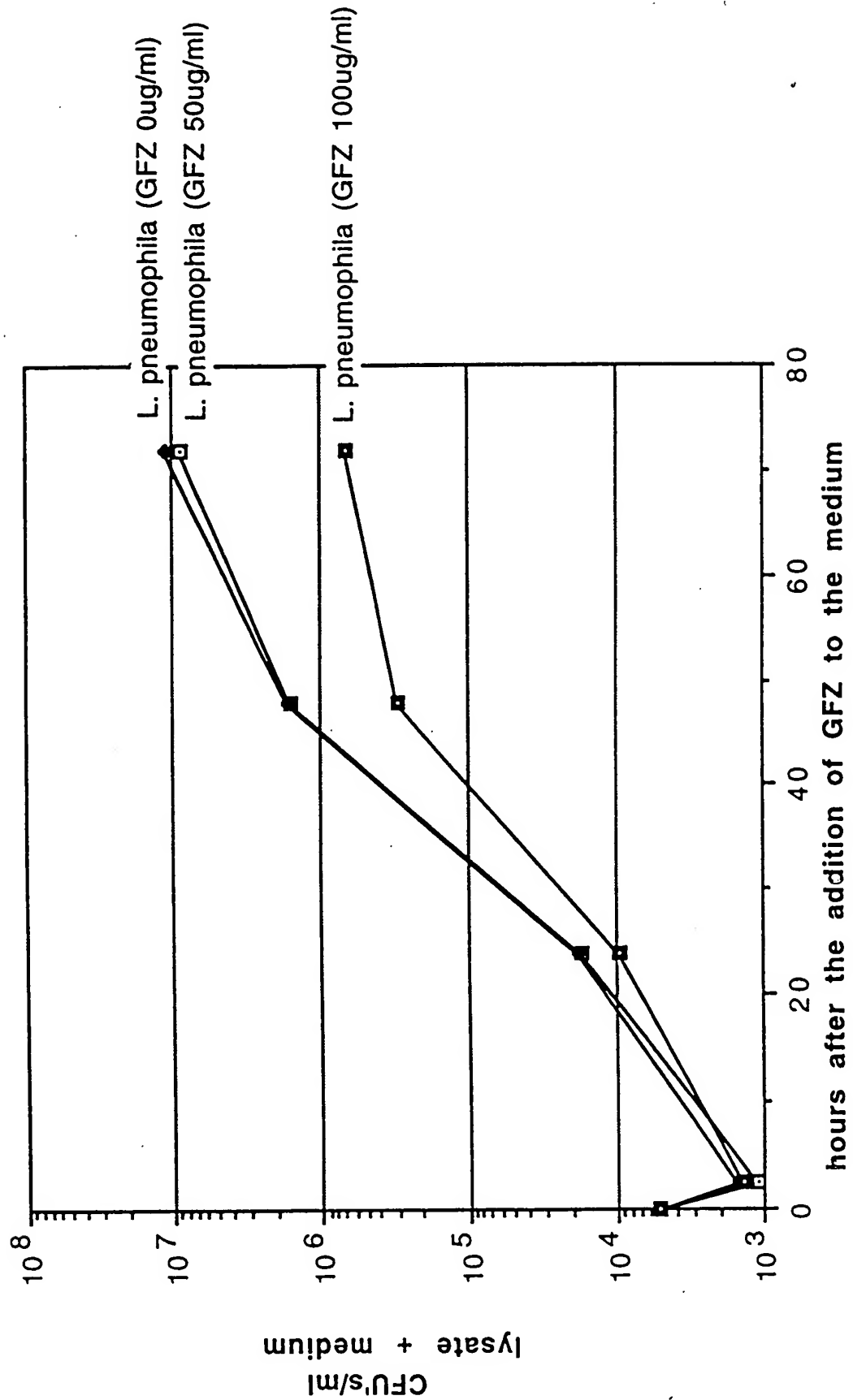


FIGURE 15B

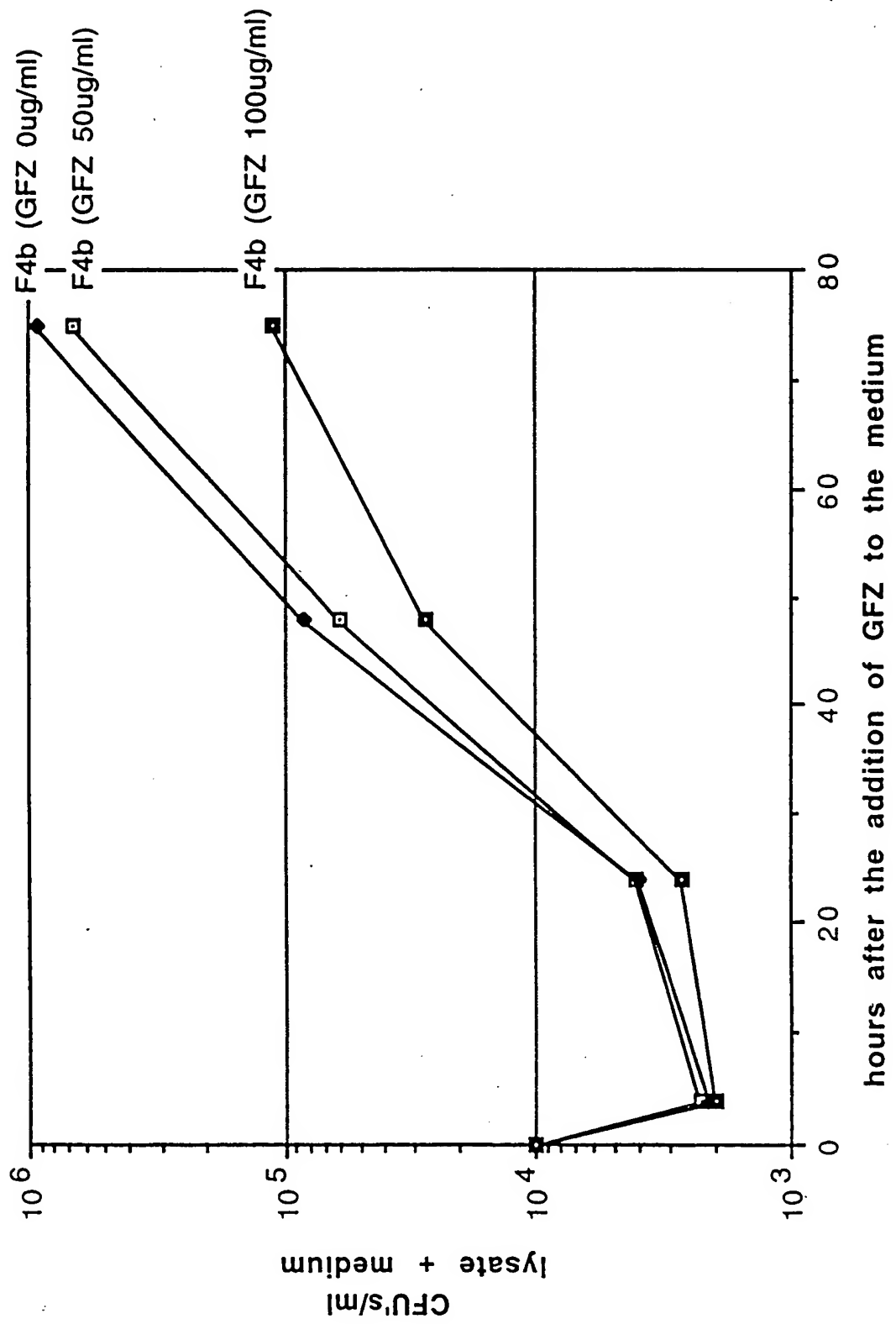


FIGURE 15C

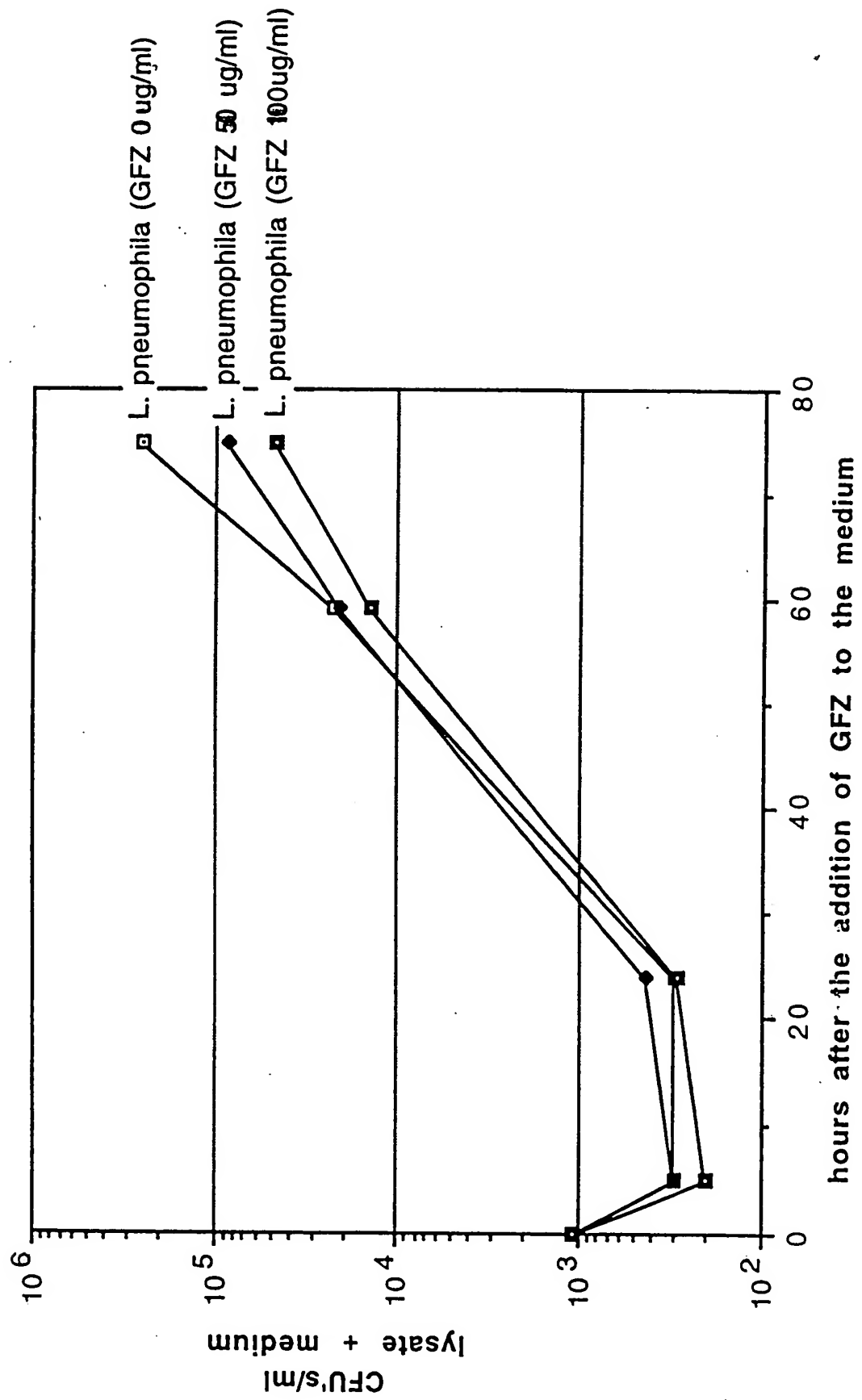


FIGURE 16

Zones of Inhibition diameter (mm)		
STRAIN	Permissive Temperature	Restrictive Temperature
ts100	30C	42C
ts100:pBSK	0	no growth
ts100:pBSK2.1	0	no growth
101envM+	0	19
101envM+:pBSK	0	0
101envM+:pBSK2.1	0	0
DH5a	0	0
DH5a:pBSK	0	0
DH5a:pBSK	0	0